

AMENDMENTS TO THE SPECIFICATION

Pages 11-12

Please replace paragraph [40] with the following amended paragraph:

- [40] In one arrangement, controller 316 may be implemented with one or more features of a system management bus configuration. It is believed these features have not been implemented before for inductive power arrangement or inductive power adapters. For example, the communication bus 328 may be configured as a system management bus (SMBus). The System Management Bus can be used to inform a data processing system, such as host device 100 or computer 201, as to a wide range of information about the power adapter 304, e.g., current, and voltage. In the case of inductive power adapter 304, no charging battery is needed within the adapter. The SMBus is a two-wire interface system through which a processor within a power adapter 304 can bi-directionally communicate with the rest of a computer system, such as host device 100. One wire handles the data transfer and the second wire is the clock. Controller 316 may contain computer readable data programmed by the manufacturer, such as a power adapter ID number, serial number, manufacturer's name and date of manufacture. This data can be used by the inductive power source 302 for novel power operations according to aspects of the present invention. If desired, controller 308 may be implemented with one or more features of system management bus. An example a system management bus appears to in the system management bus specification revision 2.0 standard available from the SBS Implementers Forum.

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Please replace paragraph [47] with the following amended paragraph:

- [47] In step 502, the power adapter 304 has at least a listening mode and a power receiving mode. In the listening mode, the power adapter 304, via controller 316, is configured to listen for a power source through the power pickup coil 324. In general, ~~generally~~, the

power adapter 304 may be brought a proximate distance to the inductive power source 302. Once the transmission coil 312 and pickup coil 324 are in close enough proximity to establish communications and inductive coupling, the power supply 320 can generate ~~general~~—sufficient current to power the controller 316 and modem 318, the communication signals received by the pickup coil 324 are de-modulated by the modem 308 and routed to the controller 316 of power adapter 304. Of course, the communication signals may be the type as referenced with data structure 400_(See FIG. 4).

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Please replace paragraph [52] with the following amended paragraph:

- [52] An alternative ~~the~~ inductive power system 700 is illustrated in Figure 7. Inductive power system 700 components may include an inductive power source 702 that wirelessly provides electrical power to a power adapter 704. In the inductive power system 700, communications between the inductive power source 702 and power adapter 704 may be accomplished via an antenna and transceiver arrangement. A transceiver 705, 707 may be operatively coupled to an antenna 709, 711 for receiving and transmitting a wireless communication payload for both the inductive power source 702 and the power adapter 704. Any or all features and functions, subsystems shown in FIG. 3 can be implemented in the power system 700 shown in FIG. 7. For example, transceiver 705, 707 are respectively operatively coupled to a controller of inductive power source 702, and controller of power adapter 704, respectively. Power pickup coil 724 can receive inductive energy from the power transmission coil 712 of inductive source 702.

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Please replace paragraph [55] with the following amended paragraph:

- [55] An alternative inductive power source 902 is illustrated in Figure 9. The inductive power source 902 wirelessly provides electrical power to a power adapter 304(see FIG. 3) based on a regional proximity arrangement of transmission coils. It should be noted that any or

all of the features, subsystems, and functions of inductive power source 302 and 702 may be included in the inductive power source 902 shown in FIG 9. For example, inductive power source 902 is configured with power transmission coils 912 which are the same as coils 312 shown in Figure 3. In operation, the inductive power source 302 may listen for devices equipped with an inductive power adapter within proximity of at least some of the power transfer coils 912. The inductive charging source 302 may perform the polling operation in a sequential fashion, making each power transfer coil 912 an independent node. This independent node arrangement enables multiple devices to be powered by inductive power source 902. The multiple power adapters may have different power requirements which can be handled by the source 902. For example, a personal digital assistant has different requirements ~~that~~than a tablet computer.